



Open Frame 18 / 24 Watt Series

STD - XXX ◇◇ F



Low Power Consumptions & High Efficiency

Features :

- 100-240 VAC Universal Input
- Regulated Output with Low Ripple Noise
- Modified and Custom Design Available

Model	O/P Voltage	O/P Current	Watt
STD-05030F	5.00V	3.0A	15.00 W
STD-06030F	5.90V	3.0A	17.70 W
STD-07025F	7.00V	2.5A	17.50 W
STD-07525F	7.50V	2.5A	18.75 W
STD-09022F	9.00V	2.2A	19.80 W
STD-10019F	10.0V	1.9A	19.00 W
STD-12016F	12.0V	1.6A	19.20 W
STD-15013F	15.0V	1.3A	19.50 W
STD-16012F	16.0V	1.2A	19.20 W
STD-18011F	18.0V	1.1A	19.80 W

Model	O/P Voltage	O/P Current	Watt
STD-05040F	5.00V	4.0A	20.00 W
STD-06035F	5.90V	3.5A	20.65 W
STD-07030F	7.00V	3.0A	21.00 W
STD-07530F	7.50V	3.0A	22.50 W
STD-09025F	9.00V	2.5A	22.50 W
STD-09525F	9.50V	2.5A	23.75 W
STD-12020F	12.0V	2.0A	24.00 W
STD-15016F	15.0V	1.6A	24.00 W
STD-24010F	24.0V	1.0A	24.00 W
STD-48005F	48.0V	0.5A	24.00 W

Input	
Voltage	100 - 240 VAC
Line Frequency	50- 60Hz
Current	0.48A Max. for 18W / 0.58A Max. for 24W
Protection	Internal Primary Current Fuse, Inrush Limiting

Output	
Load Regulation	± 5% (Typical)
Ripple	1~2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS min. @Full Load
Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3,000 VAC Primary - Secondary
Leakage Current	0.25mA@2Pin / 3.5mA@3Pin
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Environmental	
Operating Temperature	0 to +40°C
Storage Temperature	-20 to +80°C
Relative Humidity	Operating: 20 to 80% RH Storage: 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical	
Dimension	L94 x W46 x H27 (mm) (Ref.) L79 x W45 x H27 (mm) (Ref.)

